

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS

1. A method of producing left and right eye images for a stereoscopic display from a layered source including at least one layer, and at least one object on said at least one layer, including the steps of:

defining a depth characteristic for each object or layer, and respectively displacing each object or layer by a determined amount in a lateral direction as a function of the depth characteristic of each layer.

2. A method as claimed in claim 1, wherein at least one said layer having a plurality of said objects is segmented into additional layers.

3. A method as claimed in claim 2, wherein an additional layer is created for each said object.

4. A method as claimed in claim 1, wherein at least one said object is stretched to enhance the stereoscopic image.

5. A method as claimed in claim 1, wherein a tag associated with each said object includes the depth characteristics for said object.

6. A method as claimed in claim 1, wherein each object and layer is assigned an identifier and/or a depth characteristic.

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7. A method as claimed in claim 7, wherein object identification may be defined as <layer identifier> <object identifier> <depth characteristic>.

8. A method as claimed in claim 8, wherein each identifier is an alphanumeric identifier.

9. A method as claimed in claim 7, wherein said layer identifier is a reference to said depth characteristic.

10. A system for transmitting stereoscopic images produced using a method as claimed in claim 1, wherein depth characteristics for each said object or layer is embedded in said layered source.

11. A method of producing left and right eye images for a stereoscopic display from a layered source including at least one layer, and at least one object on said at least one layer, including the steps of:

    duplicating each said layer to create said left and right eye images;  
    defining a depth characteristic for each object or layer, and  
    respectively displacing each object or layer by a determined amount in a lateral direction as a function of the depth characteristic of each layer.

12. A method as claimed in claim 11, wherein said displacing of said left and right eye images is in an equal and opposite direction.